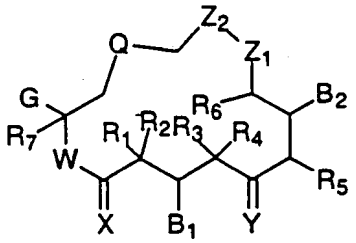
EPOTHILONE DERIVATIVES

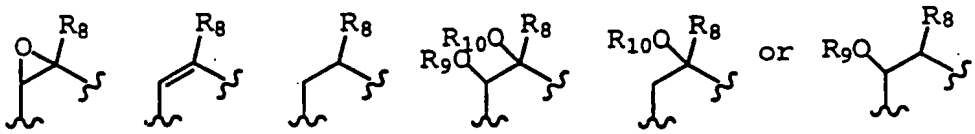
Abstract of the Disclosure

The present invention relates to compounds of the formula

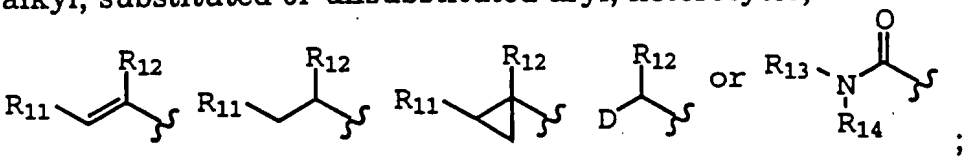


V

Q is selected from the group consisting of



G is selected from the group consisting of alkyl, substituted alkyl, substituted or unsubstituted aryl, heterocyclo,



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W is O or NR_{15};

X is O or H,H;

Y is selected from the group consisting of O; H,OR_{16}; OR_{17},OR_{17}; NOR_{18}; H,NOR_{19}; $H,NR_{20}R_{21}$; H,H; or CHR_{22}; OR_{17} OR_{17} can be a cyclic ketal;

Z_1, and Z_2 are selected from the group consisting of CH_2, O, NR_{23}, S, or SO_2, wherein only one of Z and Z_2 is a heteroatom;

B_1 and B_2 are selected from the group consisting of OR_{24}, or $OCOR_{25}$, or $O_2CNR_{26}R_{27}$; when B_1 is H and Y is OH, H they can form a six-membered ring ketal or acetal;

D is selected from the group consisting of $NR_{28}R_{29}$, $NR_{30}COR_{31}$ or saturated heterocycle